BI546216 603188602
AA791818 vs61c09.r
B1463670 603206304
AG085155 Pan trog1
B1461092 603206370
AL66665 Terracadon
B17640 yw17g11.r1
BM683941 U1 B-EJ1BM683941 U1 B-EJ1BM683941 U1 B-EJ1BM7640 yw17g11.r1
BM683941 U1 B-EJ1BM633187 U1 B-EJ1BM53180 U1 B-EJ1BM53180 U1 B-EJ1BM633181 BB613270
AL25497 Terracadon
AQ087397 HS\_2187 AB6385
BP711581 60181251
BB611251
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BM7923 MR0-CT006
AM974923 MR0-CT006
AM966092 EST378165
BM842656 K-EST0120
AM966092 EST378165
BM842656 K-EST0120
AM966092 EST378165
BM84265092 AL553093
AL553189 AL55113

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hus musculus 10 day old male pancreas cDNA, RIKEN full-length enriched library, clone:1810038K19:MCLeod syndrome gene homolog, AK007734
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HTC: CAP trapper.
HTC: CAP trapper.
MUS musculus (strain:C57BL/6J) 10 day old male pancreas cDNA to
MUS musculus (strain:C57BL/6J) 10 day old male pancreas cDNA to
clone:1810038K19.
MUS musculus
Bukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Musmmalia; Eutheria; Rodentia; Sciurognathi; Muridae; Murinae; Mus.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Carninci,P., Shibata,Y., Hayatsu,N., Sugahara,Y., Shibata,K., Itoh,M., Komno,H., Okazaki,Y., Muramacsu,M. and Hayashizaki,Y. Normalization and subtraction of cap-trapper-selected cDNAs to prepare full-length CDNA libraries for rapid discovery of new gGenome Res. 10 (10), 1617-1630 (2000)
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High-efficiency full-length cDNA cloning
Meth. Enzymol. 303, 19-44 (1999)
99279253
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                                                                                  B1463670
AG085155
B1461092
CNS01TL3
H87640
BM683941
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AI697050
CNS032YG
AQ087397
BB638337
BF211581
AZS93746
BB611251
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ALG63785
BQ718536
AW374923
AI991578
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BM642656
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BC027097 Mus muscu
BB200527 BB200527
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AL652777 AL652777
BE031611 130228 MA
                                                                                           ; Search time 1626.01 Seconds
(without alignments)
13446.329 Million cell updates/sec
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Copyright (c) 1993 - 2003 Compugen_Ltd.
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21.7
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Maximum DB seq
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AL547473 AL547473 BM470447 AGENCOURT BM466219 AGENCOURT BI463669 603207339

BE735816 601305125 BM472443 AGENCOURT

genes

REFERENCE AUTHORS

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IMPCALVQFTLLFVHRDLSRDRPLALLMHLLQUGPLYRCCEVFCIYCQSDQNEEPYVS
ITKRRQMPKDGLSEEVEKBYGQAEGKLITHRSAFSRASVIQAFLGSAPQLTLQLYITV
IEANITTGRCFPTHLSLLSIVYGALRCTNILAKIKYDENYEVKYRLAXVCTFUMRSFF
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WYFFKTDIYMYVCAPLLILQLLIGYCTGILFMLVFYQFFHPCKKLFSSSVSSSFRALL
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      /tissue_type="pancreas"
Colone_lib="RIKEN full-length enriched mouse cDNA library"
/cev stage="10 day old"
| . . .1711
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/translation="MKFPASVIASVFLFVAETAAALYLSSTYRSAGDRMWQVLTLLFS
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         end: XhoI; 3'
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         'n
was cleaved with XhoI and SstI. Cloning sites,
                                                                                                                                                                                                                                                                           /db_xref="FANTOM_DB:1810038K19"
/db_xref="MGD:1801251"
/db_xref="taxon:10090"
/clone="181038K19"
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/db_xref="GI:12841470"
                                                                                                                                                                                          organism="Mus musculus"
                                                                                     location/Qualifiers
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/gene="Xkh"
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Submitted (10-JUL-2000) Yoshihide Hayashizaki, The Institute of
Physical and Chemical Research (RIKEN), Laboratory for Genome
Exploration Research Group, RIKEN Gemomic Sciences Center (GSC),
RIKEN Yokohama Institute; 1-7-22 Suchiro-cho, Tsurumi-ku, Yokohama,
Kanagawa 230-0045, Japan (E-mail:genome_res@gsc.riken.go.jp,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Please visit our web site (http://genome.gsc.riken.go.jp/) for
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Fax:81-45-503-9216)
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COMMENT

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Gaps

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X., Hulyk, S.W., Hale, S.M., S., Martin, R.G., Muzny, D.M.

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Clone distribution: MGC clone distribution information can be found through the I.M.A.G.E. Consortium/LINL at: http://image.llnl.gov Series: IRAK Plate: 45 Row: d Column: 3 This clone was selected for full length sequencing because it passed the following selection criteria: matched mRNA gi: 12963702 This clone has the following problem: frame shifted.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 358 TACCTCACACTGTGGAAGAAAGAGGAGCAGGAGCCCCTATGTCAGCCTCACCCGAAA- 416
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  298 TTATTTATGCATCTAATCCTCTTGGGACCTGTTATCAGATGTTTGGAGGCCATGATTAAG 357
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           262 TCCGTGTTCCTGTTCGTGGCCGAGACGGCGGCGCGCTCTACTTGAGCAGCACCTACCGC 321
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                /tissue_type="Mammary tumor metastatized to lung. Tu arose spontaneously from a senescent normal mammary (clonal) outgrowth infected with the virus MMTV." /clone_libe.NCI CGAP_Lu29" /lab_host="DH10B"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               442 CTGCTCATGCACCTGCTCCAGCTCGGGCCCCTGTACAGGTGTTGTGAAGTCTTTTGTATC
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CDNA Library Preparation: Life Technologies, Inc.
CDNA Library Arrayed by: The I.M.A.G.B. Consortium (LLNL)
DNA Sequencing by: Baylor College of Medicine Human Genome
Sequencing Center
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                                                                                                 Center code: BCM-HGSC
Web site: http://www.hgsc.bcm.tmc.edu/cdna/
Contact: amg@bcm.tmc.edu
Contact: P.H., Garcia, A.M., Lu, X., Huly.
Yoon, V.S., Kowis, C.R., Lawrence, S., Marr.
Richards, S., Gibbs, R.A.
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Pred. No. 7.9e-68;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                               /organism="Mus musculus"
/db_xref="taxon:10090"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            /clone="IMAGE:5012421"
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Mammalia; Eutheria; Rodentia; Sciurognathi; Muridae; Murinae; Mus.
1 (bases 1 to 1774)
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Email: cgapbs-r@mail.nih.gov
Tissue Procurement: Gilbert Smith, Ph.D.
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1 (bases 1 to 624)

2 Arakawa, T., Carninoi, P., Fukuda, S., Furuno, M., Hanagaki, T., Hara, A., Hiramoto, K., Hori, F., Ishii, Y., Ito, M., Kawai, J., Konno, H., Kouda, V., Koyas, S., Mateuyama, T., Myazaki, A., Nomura, K., Ohno, M., Okazaki, Y., Okido, T., Saito, K., Sakai, K., Sano, H., Sasaki, D., Shibata, K., Shinagawa, A., Shiraki, T., Sogabe, Y., Sano, H., Sasaki, T., Tagami, M., Tagawa, A., Takahashi, F., Takeda, Y., Tanaka, T., Toya, T., Muramatsu, M. and Hayashizaki, Y., et al. 2001)

L. Unpublished (2001)

On Jun 30, 2000 this sequence version replaced gi:8865480.

Contact: Yoshihide Hayashizaki, L. Laboratory for Genomic Exploration Research Group, RIKEN Genomic
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URL:http://genome.gsc.riken.go.jp/
Carninci,P., Shibata,Y., Hayatsu,N., Sugahara,Y., Shibata,K., Itoh
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The Institute of Physical and Chemical Research (RIKEN)
1-7-22 Suehiro-cho, Teurumi-ku, Yokohama, Kanagawa 230-0045,
Tel: 81-45-503-9222
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Computer-based methods for the mouse full-length cDNA encyclopedia: real-time sequence clustering for construction of a nonredundant cDNA library. Genome Res. 11 (2), 281-289 (2001) Yamanaka,I., Kiyosawa,H., Kondo,S., Saito,T., Shinagawa,A., Ishii,Y. and Hayashizaki,Y.
Ishii,Y. and Hayashizaki,Y.
Mapping of 1903 mouse chromosomes. J. Struct.
Func. Genomics 2 pre, L72-L86 (2001)
Please visit our web site (http://genome.gsc.riken.go.jp/) for
                                                                                                                                                                                                                               RIKEN integrated sequence analysis (RISA) system--384-format sequencing pipeline with 384 multicapillary sequencer. Genome Res. 10 (11), 175-1771 (2000) Konno, H., Pukunishi, Y., Shibata, K., Itoh, M., Carninci, P., Sugahara, Y. and Hayashizaki, Y.
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,M., Konno,H., Okazaki,Y., Muramatsu,M. and Hayashizaki,Y.
Normalization and subtraction of cap-trapper-selected cDNAs to
prepare full.length cDNA libraries for rapid discovery of new
agenes. Genome Res. 10 (10), 1617-1630 (2000)
wagi,K., Fujiwake,S., Inoue,K., Togawa,Y., Izawa,M., Ohara,E.,
Watahiki,M., Yoneda,Y., Ishikawa,T., Ozawa,K., Tanaka,T., Matsuura
Hayashizaki,Y.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   /note="Site_1: Sall; Site_2: BamHI; cDNA library was prepared and sequenced in Mouse Genome Encyclopedia Project of Genome Exploration Research Group in Riken Genomic Sciences Center and Genome Science Laboratory in RIKBN. Division of Experimental Animal Research in Riken contributed to prepare mouse tissues. 1st strand cDNA was GAGAGAGAGAGACCAAGAGCTCTTTTTTTTTTTTVN 3'), cDNA was
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     3']. cDNA was cleaved with XhoI and BamHI. Vector: a
modified pBluescript KS(+) after bulk excision from Lambda
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/clone="A430025D09"
/clone_lib="RIKEN full-length enriched, 0 day neonate
thymus"
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'dev stage="0 day neonate"
'lab_host="DH108"
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/db_xref="taxon:9606"
/dboar="nMAGE:474733"
/clone="nMAGE:474733"
/clone="type="Saudamous cell carcinoma"
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/note="Organ: skin; Vector: pCMV-SPORT6; Site 1: Not1;
/note="organ: skin; Vector: pCMV-SPORT6;
/note: pcm, vector: pcm, ve
                                                                                                                                                                                                                                                                                                                                                                                                           BG675952
6025310F1 NCI_CGAP_Skn4 Homo sapiens cDNA clone IMAGE:4747323 5',
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Contact: Robert Strausberg, Ph.D.
Contact: Robert Strausberg, Ph.D.
Tissue Procurement: James Cleaver, M.D.
CDNA Library Preparation: Life Technologies, Inc.
CDNA Library Preparation: MGC Clone distribution information can be found through the I.M.A.G.E. Consortium/Link at:
Frankloss Trow: c column: 04
High quality sequence start: 4
High quality sequence start: 4
High quality Sequence Stop: 797.
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NIH-WGC http://mgc.nci.nih.gov/.
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18.2%; Score 245.4; DB 12; Length
Best Local Similarity 99.2%; Pred. No. 4.2e-55;
Matches 257; Conservative 0; Mismatches 1; Indels
                                                                                                                                                                   565 TATGIGAGCCIGAICTCTGCAGAGGTICCCCTGGGTAGAGTIGTG 609
                                                                                                                                                                                                                             241 TATGTGAGTCTGATCTCAGCAGAAGTCCCCCTGGGTAGAGGTGAG 285
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AL652777 AGC-gastrula Silurana tropicalis cDNA clone TGas029915 5',
                                                                                                                                                                                                                                                                                                                              western clawed frog.
Silurana tropicalis
Silurana tropicalis
Bukaryota, Metazoa; Chordata; Craniata; Vertebrata; Buteleostomi;
Amphibia; Batrachia; Anura; Mesobatrachia; Pipoidea; Pipidae;
Xenopodinae; Silurana.
1 (bases 1 to 676)
Huckle, E., Taylor, R., Ashurst, J.L., Zorn, A.M. and Rogers, J.
Sanger Xenopus tropicalis EST project 2001 (10_2001)
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/clone="TGa8629915"
/clone="TGa8629915"
/clone="TGa8629915"
/clone="tGa8629915"
/dev stage="gastrula"
/lab_host="Escherichia coli XL1-blue"
/note="Vector: pCS107; Site 1: EcoR1; Site 2: Not1; cDNA was oligo dT primed from stages
10-13 gastrulae. EcoR1-Not1 cut cDNA was then ligated into pCS107 with EcoR1 at the 5' end and Not1 at the 3'
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Email: tropGesanger.ac.uk
Sanger Xenopus tropicalis EST project 2001
TROPICALIS_SEQUENCE ID: TGas029915.sp6
Sequencing primer: $P6
This sequence is from Xenopus Gene Collection (XGC) library
constructed by Aaron M. Zorn.
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59.9%; Pred. No. 7.8e-54;
ive 0; Mismatches 269;
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Best Local Similarity 59.9
Matches 402; Conservative
1332 AAGGCAAAGTGTTGTCTGA
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90.4%; Pred. No. 6.7e-53; tive 0; Mismatches 27; Indels
                                         Matches 253; Conservative
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PO Box 166, Clay Center, NE 68933-0166, USA
Tel: 402 762 4366
Fax: 402 762 4300
Email: smith@email.marc.usda.gov
Single pass sequencing. Bases called and alt trimmed with phred
v0.980904e. Vector identified by cross_match with the -minscore 18
PCR PRimers
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          EST 09-JUL-2000
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi; Mammalia; Eutheria, Cetartiodactyla; Suina; Suidae; Sus.

1 (bases 1 to 392)

Stafrenkrug, S.C., Freking, B.A., Rohrer, G.A., Smith, T.P.L., Casas, E. Stone, R.T., Heaton, M.P., Grosse, W.M., Bennett, G.A., Laegreid, W.W., and Keele, J.W.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Design and use of two pooled tissue normalized cDNA libraries for EST discovery in swine Unpublished (2000)
Contact: Smith TPL
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                                                                                                                                                                                                1024 AAAGGGCAGAACTGGGGACATATGGGCCTGCACTATAGTGTGAGGTTGGTAGAGAATGTG 1083
                                                                                                                                                                                                                                                                                                                               1084 ATCATGGTCTTGGTTTTTAAGTTCTTTGGAGTGAAAGTGTTACTGAATTACTGTCATTCC 1143
                                                                 1144 TIGATIGCCTIGCAGCTCATTATIGCTTATCTGATTICCATTGACTTCATGCTCCTTTTC 1203
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                                                                                                                                                                                                                                         606 TACCAGTACCTTCACCCCTTGCCGCTTCCTTTTCAGCCACAACGTTGAAGACTGTTTGGCT 665
306 AACTTTAGCTGGTTTGGTACTGTGACAGTCCTTGGGTCAGTAACCTTGCTTTATTCAGCC 365
                                                                                                                                                                                                                                                                                                                                                                                                486 GCCCTCATTCTGCTCTGGTACTTCTACAAGGAGGATGTGTTTGAGTATTTCTGTTCCCA
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130228 MARC 1PIG Sus scrofa cDNA 5', mRNA seguence.
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BACKWARD: GTTTTCCCAGTCACGACG
Plate: 59 row: C column: 17
Seg primer: ATTAGGTGACACTATAG.
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/clone_lib="MARC 1PIG"
/tissue_type="pooled"
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Score 236.8; DB 10; Length 392;

17.5%;

Ouery Match

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/d_xref="raxxon:9606"
/d_xref="raxxon:9606"
/clone="IMAGE:5167070"
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/clone="IMAGE:5167070"
/clone="IMAGE:5167070"
/lab host="DH10B"
/lab host="Image:"Dexv'SPORT6; Site_1: NotI;
/site_2: EccRV (destroyed); RNA source normal medulla from anonymous male age 27. Library is oligo-dT primed and directionally cloned (EccRV site) is destroyed upon cloning). Average insert size 1.3 kb, insert size range 0.9-3 kb. Library is normalized and enriched for full-length clones and was constructed by C. Gruber (Invircogen). Research Genetics tracking code 013. Note: this is a NIH_MGC Library.

57 a 163 c 194 g 266 t 1 OtherS
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Contact: Robert Strausberg, Ph.D.

Email: cgapbs-r@mail.nih.gov
Tissue Procurement: Life Technologies, Inc.

CDNA Library Preparation: Life Technologies, Inc.

CDNA Library Arrayed by: The I.M.A.G.E. Consortium (LLNL)

DNA Sequencing by: Incyte Genomics, Inc.

Clone distribution: MGC clone distribution information can be found through the I.M.A.G.E. Consortium/LLNL at:

http://image.llnl.gov
Plate: LLAMI1415 row: d column: 15

High quality sequence stop: 782.

Location/Qualifiers
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Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
1 (bases 1 to 881)
                                                                                                                                                                                                                                                                                                                                                                                     1250
                                                                        1071 GGTAGAGAATGTGATCATGGTCTTGGTTTTTAAGTTCTTTGGAGTGAAAGTGTTACTGAA 1130
Gaps
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National Institutes of Health, Mammalian Gene Collection (MGC)
                                                                                                                                                                                                                            1131 TTACTGTCATTCCTTGATTGCCTTGCTCATTATTGCTTATCTGATTTCCATTGACTT
                                                                                                                                                                                                                                                                            TTACTGTCATTCCTCGATTGCTTTGCAGCTCATTATTGCTTACCTGATTTCCATTGGCTT
                                                                                                                                                                                                                                                                                                                                                                                     CATGCTCCTTTTCCAGTACTTGCATCCATTGCGCTCACTCTTCACCCCATAATGTAGT
                                                                                                                                                                                                                                                                                                                                                                                                                                 122 CATGCTCCTTTTCTTCCAGTACTTGCACCCGCTGCGCTCACTTTCACCCACAACGTAGT
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Pred. No. 1.7e-42;
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Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
1 (bases 1 to 201)
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Homo sapiens cDNA clone IMAGE:686506 5'
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National Cancer Institute, Cancer Genome Anatomy Project (CGAP)
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                                                                                 166 AGAATCTATCGAAAGAATAGTGAAACTTACCGGATGACATACACCTTTTCTTTTTG 225
                                                                                                                                                                                                                                                                                                                                                                                    AAACCGCTATCATTATTTATGCATCTAATCCTCTTGGGACCTGTTATCAGATGTTTGGAG 345
                                                                                                                                                                                                                                                                                                                                                                                                                            349 AAGGCTGCATTACTTTTGTGGCACATTCTTTTTAGGACCTATNGTGAGGTGTTTGCAC 408
                                                                                                                                                                                                                                                                                                                                                                                                                                                                      GCCATGATTAAGTACCTCACACTGTGGAAGAAGAGGAGGAGGAGGAGCCCTATGTCAGC 405
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                                         GTTTCATCTCTGGAGGAAGATGTCATCCGTGGAGCCAACCCCCGATTTACTTTTCCATTT
                                                                                                                             AGCATCCTTTTCTCCACCTTTTTGTACTGTGGGGAGGCTGCATCTGCTTTGTACATGGTT
                                                                                                                                                        GANATTIATCGNANAGCTAATGACACATTCTGGATGTCATTTACCATCAGCTTTATTATT
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  0; Mismatches 313; Indels
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Unpublished (1997)
Contact: Robert Strausberg, Ph.D.
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TITLE
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Eukaryota, Metazoa, Chordata, Craniata, Vertebrata, Euteleostomi,
Amphibia, Batrachia, Anura, Mesobatrachia, Pipoidea, Pipidae,
Email: cgapbs-r@mail.nih.gov
This clone is available royalty-free through LLNL , contact the
IMAGE Consortium (info@image.llnl.gov) for further information.
Insert Length: 1241 Std Error: 0.00
Seq primer: -28m13 rev2 Er from Amersham
High quality sequence stop: 183.
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1 (bases 1 to 678)

Huckle, E., Taylor, R., Ashurst, J.L., Zorn, A.M. and Rogers, J. Sanger Xenopus tropicalis EST project 2001 (10_2001)

Unpublished (2001)
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Email: trop@sanger.ac.uk
Sanger Xenopus tropicalis EST project 2001
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Score 197.8; DB 9;
Pred. No. 1.8e-42;
0; Mismatches 2;
                                                                                                                                                                     /organism="Homo sapiens"
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ilarity 99.0%;
Conservative (
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Best Local Similarity
Matches 199; Conserv
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/note="Organ: brain; Vector: pBluescriptR (modified pBluescript KS+); Site 1: BamHI; Site 2: Sall-XhoI (gtcgac); Oligo-dT primed using primer S'-TTTTTTTTTTTTVN-3', size-selected for average insert size 2:5 kb and normalized to ROT 5. This is a primary library enriched for full-length clones and constructed using the Captrapper method (Carninci, in preparation). Library constructed by M. Brownstein (NIMH/NHGRI, National Institutes of Health). Note: this is a NIH_MGC Library."
                                                                                                                                                                                                                                                           Email: cgapbs-remail.nih.gov
Tissue Procurement: Miklos Palkovits, M.D., Ph.D.
Tissue Procurement: Miklos Palkovits, M.D., Ph.D.
CDNA Library Preparation: Michael J. Brownstein (NHGRI), Shiraki
Toshiyuki and Piero Carninci (RIKEN)
CDNA Library Arrayed by: The I.M.A.G.E. Consortium (LLNL)
DNA Sequencing by: Incyte Genomics, Inc.
Cloe distribution: MGC clone distribution information can be
found through the I.M.A.G.E. Consortium/LLNL at:
http://image.llnl.gov
Plate: LLAM11655 row: c column: 02
                                 Eukaryota, Metazoa, Chordata, Craniata, Vertebrata, Euteleostomi, Mammalia, Eutheria, Primates, Catarrhini, Hominidae, Homo.

1 (Dases 1 to 793)

NIH-MGC http://mgc.nci.nih.gov/.

Nith-MGC http://mgc.nci.nih.gov/.

Unpublished (1999)

Contact: Robert Strausberg, Ph.D.
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Pred. No. 3.8e-38;
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/lab_host="DH108"
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/organism="Homo sapiens"
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|clone="IMAGE:5259961"
|clone_lib="NIH_MGC_95"
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56.9%;
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          Homo sapiens
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/organisme"Silurana tropicalis"
/do xrefe"taxon:8364"
/clone="Twetolism:3"
/clone="Twetolism:3"
/dov stage="neurula"
/dov stage="neurula"
/dov stage="neurula"
/dov profe="Schorichia coli DH10B"
/note="Vector: pCS107; Site 1: EcoRI; Site 2: NotI; cDNA
was oligo dT primed from 5ug of poly A+ RNA from neurula.
EcoRI notI cut cDNA was then ligated into pCS107 with
EcoRI at the 5' end and NotI at the 3' end."
225 a 156 c 153 g 144 t
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603188602F1 NIH_MGC_95 Homo sapiens cDNA clone IMAGE:5259961 5',
mRNA sequence.
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TROPICALIS_SEQUENCE_ID: TNeu018n12.sp6
Sequencing primer: SP6
This sequence is from a Xenopus Gene Collection (XGC) library
constructed by Asron M. Zorn.
Location/Qualifiers
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     14.3%; Score 193.4; DB 9;
58.7%; Pred. No. 4.3e-41;
Live 0; Mismatches 236;
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AL202756.1 GI:7861101
GSS; genome survey sequence.
Tetraodon nigroviridis
Extraodon nigroviridis
Bukaryota; Merazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Actinopterygii, Neopterygii; Teleostei; Buteleostei; Neoteleostei;
Acanthomorpha; Acanthopterygii; Teleostei; Buteleostei; Neoteleostei;
Acanthomorpha; Acanthopterygii; Percomorpha; Tetraodontiformes;
Tetraodontidae; Tetraodon.

E 1 (bases 1 to 691)
B Roset-Crollius, H., Jaillon, O., Dasilva, C., Bouneau, L., Fisher, C., Bernot, A., Fizames, C., Wincker, P., Brottier, P., Quetier, P., Human gene number estimate provided by genome wide analysis using
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Direct Submission
Submitted (12-AFR-2000)
This sequence is a single read and was generated as part of a large scale clone-end sequencing project of the Tetraodon nigroviridis genome. For more information, please take a look at http://www.genoscope.cns.fr/Tetraodon.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Charaterization and repeat analysis of the compact genome of the freshwater pufferfish Tetraodon nigroviridis
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/note="Genoscope sequence ID : COAG147BE08LP1~end : T7"
182 c 187 g 189 t 5 Others
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               CNSO2LFV 14-MAY-:
Tetraodon nigroviridis genome survey sequence T7 end of clone
147116 of library G from Tetraodon nigroviridis, genomic survey
                                                                                                                                                                                                                                                                 61 GGACCCTGGCTATGCATCGCAATGCCTACAAACGTATGTCACAGAGTTCAAGCCTTCCTGG 120
                                                                                                                                                                                                                                                                                                                                                     121 GCTCAGTGCCCCAGCTGACCTATCAGCTATATGTGAGTCTGATCTCAGCAGAAGTCCCCC 180
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Unpublished

2 (Dases 1 to 691)

Roest-Crollius,H., Jaillon,O., Dasilva,C., Fizames,C., Fisher, Bouncau,L., Billault,A., Quetier,F., Saurin,W., Bernot,A. and Weissenbach,J.
Charaterization and repeat analysis of the compact genome of t
                                                                                                                                                                           1 AGAAGATGCTAATAGCTGGCCAGGAGGTGCTGATAGAATGAAAGGTGGCCCACTCCATCC
                                                                                                                                                                                                                                       476 GGACCCTGGCTATGCACCGCAATGCCTACAAACGTATGTCACAGGATCCAAGCCTTCCTGG
                                                                                                                                                   416 AGAAGATGCTAATAGATGGCGAGGAGGTGCTGATAGAATGGGAGGTGGGCCACTCCATCC
                                                                                                                                                                                                                                                                                                                          GCTCAGTGCCCCAGCTGACCTATCAGCTCTATGTGAGCCTGATCTCTGCAGAGGTTCCCC
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Pred. No. 7.1e-35;
                                                                    Length 385;
                                                                                                              Indels
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/db_xref="taxon:99883"
/clone="147116"
                                                                  .2; DB 9;
1e-35;
                                                                                                           13;
                                                                                                           0; Mismatches
                                                                  Score 173.2;
Pred. No. 1e-3
      97
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                                                                                                         Matches 181; Conservative
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Marra,M., Hillier,L., Allen,M., Bowles,M., Dietrich,N., Dubuque,T., Geisel,S., Kucaba,T., Lacy,M., Le,M., Martin,J., Morris,M., Schellenberg,K., Steptoe,M., Tan,F., Underwood,K., Moore,B., Theising,B., Wylie,T., Lennon,G., Soaree,B., Wilson,R. and
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               vs61c09.rl Stratagene mouse skin (#337313) Mus musculus CDNA clone IMAGE:1150768 5' similar to SW:XK_HUMAN P51811 MEMBRANE TRANSPORT PROTEIN XK ;, mRNA sequence.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Email: mouseest@watson.wustl.edu
This clone is available royalty-free through LLML ; contact the
IMAGE Consortium (info@image.llnl.gov) for further information.
MGI:623976
  471
                                            785
                                                                                   531
                                                                                                                             845
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                                                                                                                                                                                                                                                                                                                            CICCGICCIGAAGACCIGGGCGGGGTTATAATACTCAICAACTICTICAGTTTCTICTA
                                                                                                                                                                                                                                                    592 GTACCCCTGGATCCTCTTCTGCTGCAGGGTTCCCCATTCCCTGAGAACATAGAGG
                                                                                                                                                                                                                                                                                              CTTCAGCCGGGTCGGCACTCTGGTGGTCCTGATTTCAGTCACCATCCTCTATGCTGGCAT
GCCATCAAAATCAAGTACGATGAGTATGAAGTCAAGAGTGAAGCCTCTGGCCTATGTCTG
                                                                               TATCTTCCTGTGGAGGAGCTTTGAGATTGCCACTCGAGTTGTAGTCCTGGTCCTCTTTAC
                                                                                                                         786 AGCCACTITGAAATIGAAGGCIGIGCCCTICCIAGIGCICAACTICCIGAICAICCICTI
                                       CATCACCATCTGGCGGACATTGGAGATCACTTCCCGCCTCCTGATTCTGGTGCTCTTCTC
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Unpublished (1996)
Contact: Marka MyMouse EST Project
Washlo-HHMI Mouse EST Project
Washlo-HHMI Mouse EST Project
Washington University School of MedicineP
4444 Forest Park Parkway, Box 8501, St. Louis, MO 63108
Fax: 314 286 1810
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/db_xref="taxon:10090"

/clone="IMAGE:1150768"

/clone lib="&tratagene mouse skin (#937313)"

/esx="females"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             primer: -28ml3 revl ET from Amersham
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The WashU-HHMI Mouse EST Project
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603207340F1 NIH_MGC_97 Homo sapiens cDNA clone IMAGE:5273312 5',
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Email: cgapbs-remail.nih.gov

Email: cgapbs-remail.nih.gov

Tissue Procurement: Miklos Palkovits, M.D., Ph.D.

CDNA Library Preparation: Michael J. Brownstein (NHGRI), Shiraki

Toshiyuki and Piero Carninci (RIKEN)

CDNA Library Arrayed by: The I.M.A.G.E. Consortium (LLML)

DNA Sequencing by: Incyte Genomics, Inc.

Clone distribution: MGC clone distribution information can be

found through the I.M.A.G.E. Consortium/LLNL at:

http://mage.lnl.gov

Plate: LLAMI1619 row: o column: 09

High quality sequence stop: 826.
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Mammalia, Eutheria, Primates, Catarrhini, Hominidae, Homo.
1 (bases 1 to 855)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     950 TCCTCTATGCTGGCATCAACTTCTCTTGCTGGTCAGCTTTGCAGTTGAGGTTGGCAGACA 1009
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                                                                                                                                                                                                                                                                                                            709
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               710 CACTAGAAGTCCTCTGCATCACCATCTGGGGGACATTGGAGATCACTTCCCGCCTCCTGA 769
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         257 CCCGCCCTACCTGTGCATGACCGTGTGGAGGGGTTGGAGATCGCCACCAGGATCACGG 316
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National Institutes of Health, Mammalian Gene Collection (MGC)
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2; Mismatches 210; Indels
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/db_xref="taxon:9606"
/clone="IMAGE:5273312"
/clone_lib="NIH_MGC_97"
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TITLE
JOURNAL
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/note="Organ: testis; Vector: pBluescriptR (modified pBluescript KS+); Site.: Sall-XhoI (gtcgag pBluescript KS+); Site.: Sall-XhoI (gtcgag size-selected for morrage insert size 2.2 kb and normalized to ROT 5. This is a primary library enriched for for full-length clones and constructed using the cap-trapper method (Carninci, in preparation). Library constructed by M. Brownstein (NIMH/NHGRI, National Institutes of Health). Note: this is a NIH_MGC Library."
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Pan troglodytes
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Pan troglodytes DNA, clone: PTB-083B22.F, genomic survey sequence.
AG085155
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Mammalia; Butheria; Primates; Catarrhini; Hominidae; Pan.
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Totoki, Y., Watanabe, H. and Sakaki, Y.
                                                                                                                                                                                                                                                                                                                                                                                                                       Length 855;
                                                                                                                                                                                                                                                                                                                                                                                                                    Score 164.6; DB 13; Length
Pred. No. 2.8e-33;
0; Mismatches 234; Indels
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lab host="DH10B"
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ilarity 57.0%;
Conservative
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pluescript K8+); Site 1: BamHI; Site 2: Sall-Xhol (gtcgag pluescript K8+); Site 1: BamHI; Site 2: Sall-Xhol (gtcgag primed using primer 5'-TTTTTTTTTTTTTTTTTVN-3', aize eslected for average insert size 2.2 kb and normalized to ROT 5. This is a primary library enriched for full-length clones and constructed using the Cap-trapper method (Carninci, in preparation). Library constructed by M. Brownstein (NIMH/NHGRI, National Institutes of Health). Note: this is a NIH_MGC Library."
               NIH-MGC http://mgc.nci.nih.gov/.
National Institutes of Health, Mammalian Gene Collection (MGC)
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                                                                                          Contact: Robert Strausberg, Ph.D.
Email: Cgapbs-remail.nih.gov
Tissue Procurement: Miklos Palkovits, M.D., Ph.D.
Tissue Procurement: Miklos Palkovits, M.D., Ph.D.
CDNA Library Preparation: Michael J. Brownstein (NHGRI), Sh
CDNA Library Arrayed by: The I.M.A.G.E. Consortium (LLNL)
DNA Sequencing Dy: Incyte Genomics, Inc.
Clone distribution: MGC clone distribution information can litury//image.lln.gov
Plate: LiAM11688 row: k column: 17
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/organism="Homo sapiens"
/db_xrefe=taxon:9606"
/clone="IMAGE:5272840"
/clone=lb="NIH MGC_97"
/lab_host="DH10B"
                                                                                                                                                                                                                                                                                                                                                                                                                                          quality sequence stop: 663.
Location/Qualifiers
                                                                        Unpublished (1999)
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                                                                                                                                                                               Submitted (02-AUG-2001) Asao Pujiyama, The Institute of Physical and Chemical Research (RIKEN), Genomic Sciences Center (GSC); 1-7-22 Suchiro-chou, Tsurumi-ku, Yokohama, Kanagawa 230-0045, Japan (E-mail:chimpbes@gsc.riken.go.jp, URL:http://hgp.gsc.riken.go.jp/, Tel:81-45-503-9111, Fax:81-45-503-9170, Clones are derived from the chimpanzee BAC library PTB This BAC end was generated during the R&D process and may have higher chance of
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        ö
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603206970F1 NIH_MGC_97 Homo sapiens cDNA clone IMAGE:5272840 5',
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Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
1 (bases 1 to 666)
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      8.4%; Score 113.2; DB 17; Length 691; 60.9%; Pred. No. 2e-19; ive 0; Mismatches 118; Indels 0;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         /cell type="lymphoblast"
/clone_lib="PTB Chimpanzee Male BAC Library"
| 151 c 127 g 181 t 2 others
                                                                                 Lujyama, A., Hattori, M., Toyoda, A., 1
Totoki, Y., Watanabe, H. and Sakaki, Y.
Direct Submission
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            sequences of Library PTB
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/clone="PTB-083B22.F"
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8.0%; Score 107.6; DB 13; Length ilarity 53.5%; Pred. No. 6.3e-18; Conservative 0; Mismatches 229; Indels
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Search completed: March 30, 2003, 05:49:05 Job time : 1638.01 secs